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Abstract

The invention relates to an arrangement (1) for supplying voltage to a number of loads (2, 2'), in particular in a vehicle (36), having a vehicle power supply system (6) which has at least two energy stores (4a, 4b), a first energy store (4a) of which is connected in a starter circuit element (6a) to a starter (8) for starting an engine, and a second energy store (4b) of which is connected in a load circuit element (6b) to the load (2, 2'), with the starter circuit element (6a) being connected to the load circuit element (6b) via a coupling element (12), and in which case a number of loads (2') which are classified as being safety-relevant can be connected to the starter circuit element (6a) via an additional coupling element (14).

(Figure 1)